

line 2, change "TECHNICAL FIELD" to --1. FIELD OF THE INVENTION--;

line 25, change "BACKGROUND ART" to --DESCRIPTION OF THE

A2 RELATED ART--;

line 27, change "for" to --in--.

Page 2, line 1, change "destroy" to --destruction--.

Page 5, line 26, change "DISCLOSURE" to --SUMMARY--.

Page 8, line 31, change "Ala<sup>561</sup>" to --Ala<sup>564</sup>--; change "Phe<sup>584</sup>" to --Phe<sup>587</sup>--.

Page 14, line 1, after "OF" insert "THE";

line 5, after ", " (third occurrence) insert --MMP-12,--;

line 2 from the bottom, delete "A:".

Page 15, line 11, delete "B:";

line 23, change "DETAILED DESCRIPTION OF THE INVENTION" to

A3 --DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

Page 16, line 27, change "113rd" to --113th--;

line 29, change "1922nd" to --1931st--; change "1924th" to --1933rd--;

line 30, change "1925th" to --1934th--; change "1927th" to --1936th--.

Page 20, line 13, after "GEADILV" insert --(SEQ ID NO: 9)--;

line 14, after "GDAHFDDE" insert --(SEQ ID NO: 10)--;

line 28, replace "was" with --were--.

Page 21, line 12, change "604" to --607--;

line 14, delete "a";

line 18, change "561st" to --564th--; change "584th" to --587th--.

Page 22, line 9, replace "on" with --in--;

line 15, replace "the highly" with --high--.

Page 23, line 15, after "Sf21" insert --)--;

line 18, replace "contain" with --have--.

Page 43, line 8, replace "in" with --an--.

Page 48, line 13, after "GEADIMI" insert --(SEQ ID NO: 11)--;

line 19, after "GDAHFDDE" insert --(SEQ ID NO: 10)--.

Page 53, line 27, change "2107" to --2116--;

line 32, change "604" to --607--.

Page 54, line 20, delete "a";

line 21 replace "structure" with --structures--;

line 24, after "PRCGVPD" insert --(SEQ ID NO: 12)--;

line 32, change "66" to --68--;

line 33, change "51" to --49--; change "&" to --(52%),--; change "50" to --48--;

delete ", respectively)";

line 34, change "47" to --49--; change "46" to --42--.

Page 55, line 7, change "Asp<sup>530</sup>" to --Asp<sup>533</sup>--; change "Val<sup>604</sup>" to --Val<sup>607</sup>--;

line 9, after "AIAIVIPCILALCLLVLYTVFQF" insert --(SEQ ID NO: 13)--;

line 17, change "43" to --53--;

line 19, after "RXKR" insert --(SEQ ID NO: 14)--;

line 22, after "RXKR" insert --(SEQ ID NO: 14)--.

Page 56, line 19, replace "gently" with --gentle--.

Page 67, line 9, replace "each of" with --of each--.

Page 71, line 17, change "Ala<sup>556</sup>" to --Ala<sup>559</sup>--; change "Val<sup>604</sup>" to --Val<sup>607</sup>--.

Page 72, line 16, after "separated" insert --from--.

Page 74, line 1, replace "amounts" with --amount--.

Page 75, line 7, replace "gently" with --gentle--;

line 10, replace "slowly" with --slow--.

Page 76, line 22, change "Ala<sup>561</sup>" to --Ala<sup>564</sup>--; change "Phe<sup>584</sup>" to --Phe<sup>587</sup>--.

Page 79, delete line 15 in its entirety.

Replace the Sequence Listing of record, pages 81-88, with the attached substitute Sequence Listing consisting of pages 81-90. *AA*

**In the Abstract:**

Line 1, change the heading to read --Abstract of the Disclosure--.

**In the Claims:**

Above claim 1, insert --What is claimed is:--.

Kindly cancel claims 1-13 and 27-29 without prejudice.

Please amend the claims as follows: